

## ABSTRACT

A measurement apparatus for ulcerative colitis diagnosis and prognostic test according to the present invention comprises a solution mixing unit (15) for mixing an eluent and a quinone solution, the eluent being supplied from a system including a tank (9) in which the eluent used for acid separation is stored, a pump (12) for sending the eluent, a sample injection unit (13) for injecting a sample into the eluent, and an acid separation column (14) for separating short-chain fatty acids included in the sample that is injected from the sample injection unit (13), and the quinone solution being supplied from a system including a tank (8) in which the quinone solution containing quinone and supporting electrolyte is stored, and a pump (11) for sending the quinone solution; and an acid degree measurement unit (16) for measuring the acid degrees of the short-chain fatty acids separated from the sample.

In the measurement apparatus for ulcerative colitis diagnosis and prognostic test which is constructed as described above, it is possible to perform ulcerative colitis diagnosis speedily, easily, and accurately, without performing blood test.